

AMENDMENT TO THE CLAIMS

1. (Canceled)

2. (New) A circular plane saw, comprising:

a steel saw blade with teeth positioned at a periphery, the teeth including alternating sequenced right teeth and left teeth;

each of the teeth including a front chipper part and a rear planing/cutting part, the front chipper part including a chipper tip having a chipper edge facing toward a working rotation of the saw and a rear wall that transitions from the tip into a disc part of the rear planing/cutting part;

the disc part including an cutting edge outwardly facing away from a center of the saw blade, the disc part having a disc tip, a first curved lateral side cutting edge on one side of the disc tip, and a second curved lateral side cutting edge on an opposing side of the disc tip, and the disc part is sharpenable on both lateral sides.

3. (New) The saw according to Claim 2, wherein the disc part has an active cutting area having a height that is less than a radius of the disc part.

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4. (New) The saw according to Claim 2, wherein the teeth are an only type of teeth positioned on the saw body.

5. (New) The saw according to Claim 2, wherein the front chipper parts have a different thickness than the rear planing/cutting parts, and tips of the front chipper parts are positioned on a different circumference of the saw blade from the rear planing/cutting teeth parts.

6. (New) The saw according to Claim 2, wherein the teeth comprise at least one of steel, monolayer plates, multilayer plates, soldering, build-up welds, coatings of hard-alloy and high-speed steels, synthetic ultra-hard materials, synthetic polycrystalline diamonds and borazon, high-strength cutting ceramics, or nitride ceramics.

7. (New) The saw according to Claim 2, wherein the chipper tip extends to a larger circumference of the saw blade than the disc tip.

8. (New) The saw according to Claim 2, wherein a thickness of the front chipper parts is less than a thickness of the rear planing/cutting parts.

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9. (New) The saw according to Claim 2, wherein the front chipper part cuts a kerf in an object and the rear planing/cutting part clips shavings inside the kerf.

10. (New) A circular plane saw, comprising:
a steel saw blade with teeth positioned at a periphery, the teeth including alternating sequenced right teeth and left teeth,

each of the teeth including a front chipper part and a rear planing/cutting part, the front chipper part including a chipper tip having a chipper edge facing toward a working rotation of the saw and a rear wall that transitions from the chipper tip into the rear planning/cutting part; and

the rear planning/cutting part including an outwardly facing cutting edge formed as a segment of a circle, the cutting edge including a disc tip at an outermost point of the cutting edge from a center of the saw blade, a plain lateral side on one side of the disc tip and extending from the disc tip toward the saw blade, and a radially convex lateral side on an opposing side of the disc tip and extending from the disc tip toward the saw blade, wherein the disc part is sharpened on both lateral sides;

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wherein the chipper tip is positioned at a first circumference of the saw blade, the disc tip is positioned at a second circumference of the saw blade, and the second circumference is less than the first circumference.

11. (New) The saw according to Claim 10, wherein the disc part has an active area having a height that is less than a radius of the disc part.

12. (New) The saw according to Claim 10, wherein the teeth are an only type of teeth positioned on the saw blade.

13. (New) The saw according to Claim 10, wherein the front chipper parts have a different thickness than the rear planing/cutting parts.

14. (New) The saw according to Claim 10, wherein the teeth comprise at least one of steel, monolayer plates, multilayer plates, soldering, build-up welds, coatings of hard-alloy and high-speed steels, synthetic ultra-hard materials, synthetic polycrystalline diamonds and borazon, high-strength cutting ceramics, or nitride ceramics.

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15. (New) The saw according to Claim 10, wherein a thickness of the front chipper parts is less than a thickness of the rear planing/cutting parts.

16. (New) The saw according to Claim 10, wherein the front chipper part cuts a kerf in an object and the rear planing/cutting part clips shavings inside the kerf.